



Science For A Better Life



MUCK CROPS RESEARCH STATION IPM 2017

This is the Muck Crops Research Station Report and IPM Information for Wednesday September 13, 2017

With harvesting occurring in some fields, its important to think about establishing a cover crop. Last spring there was a lot of wind erosion occurring and cover crops help ensure the muck stays in the marsh.

Onion

Most onion fields are close to completion, either lodging, windrowing, or being harvested although some fields are still standing up. If your onions are still up, downy mildew continues to be active and your field has a high risk of infection if the leaves are wet in the early morning.

Overall, if onions have lodged, we generally recommend no more fungicides or insecticide applications are needed. Remember to remove culls from the field to reduce overwintering sites for maggots and diseases.

Carrot

Some carrot fields are now being harvested.

Current rust fly counts have bottomed out entirely as it seems the second generation is complete.

Aster leafhopper counts are generally low, and aster yellows are sporadic in some fields.

Leaf blights and Sclerotinia white mould have been seen throughout the marsh. Sclerotinia has generally been found in any field with a well-developed canopy. Overall, neither are too severe. To prevent Sclerotinia, there is a carrot leaf trimmer available to rent for free at the station. By trimming the carrot leaves, the canopy is opened up which helps stops the development of Sclerotinia on the lower leaves and protect the storage quality of the carrots.

Celery

Most celery is now being harvested, though a few fields still remain.

A bacterial soft rot is still present in a couple celery fields, but isn't

Soil Temperatures:

Sept 11: 5 cm – 13.8

10 cm – 12.4

20 cm – 14.2

DATE (Sept, 2017)	TEMPERATURE (°C)		ACCUMULATED RAINFALL (mm)
	MAX	MIN	
5	21.6	12.7	5.4
6	27.4	10.8	0.0
7	20.3	10.3	0.0
8	21.4	6.8	0.0
9	18.9	6.9	0.0
10	17.0	8.2	0.0
11	18.6	3.7	0.0

